

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/002262

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B1/04 C08L31/00 G02B1/10 G02B1/11 B29D11/00  
G02B5/30 G02C7/10 G02C7/12 B29C45/14 B29C45/37

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B B29D G02C B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/090516 A1 (LOSHAK IGOR ET AL) 11 July 2002 (2002-07-11) paragraphs '0012! - '0029! paragraphs '0062! - '0066! claims 1-52	1-4, 14-17
A	US 6 220 703 B1 (EVANS RUSSELL E ET AL) 24 April 2001 (2001-04-24) column 1, line 6 - column 2, line 63 column 7, lines 12-37; example 1	1, 22, 31-35
A	US 5 015 523 A (KAWASHIMA ET AL) 14 May 1991 (1991-05-14) column 1, line 23 - column 2, line 36 column 3, line 61 - column 4, line 53 column 5, line 55 - column 9, line 39 claims 1-30	1, 11-20
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents :

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Date of the actual completion of the international search

7 June 2005

Date of mailing of the international search report

21/06/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 4 977 028 A (GOEPFERT ET AL) 11 December 1990 (1990-12-11) column 2, line 10 - column 3, line 13; example	22-30, 36,37
A	US 2002/071091 A1 (DEGAND JEAN-PIERRE ET AL) 13 June 2002 (2002-06-13) paragraphs '0001! - '0025! paragraphs '0042! - '0063!	1,11-20
A	US 5 943 104 A (MODDEL ET AL) 24 August 1999 (1999-08-24) column 7, line 29 - column 8, line 62	1-10
A	EP 0 887 667 A (SHARP KABUSHIKI KAISHA) 30 December 1998 (1998-12-30) claims 1-24; figure 3	1,22

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